

Department of Public Works

Department of Public Works
719-520-6460
Chuck Brown Transportation Complex
3275 Akers Drive
Colorado Springs, CO 80922
www.ElPasoCo.com

Board of County Commissioners
Holly Williams, District 1
Carrie Geitner, District 2
Stan VanderWerf, District 3
Longinos Gonzalez, Jr., District 4
Cami Bremer, District 5

**Highway Advisory Commission
Meeting Agenda
Wednesday, October 20, 2021 – 9:00 AM**

Pikes Peak Regional Building
2880 International Circle – Hearing Room

<u>Item</u>	<u>Presenter</u>	<u>Action</u>	<u>Time</u>
1. Call Meeting to Order	Chair		9:00
2. Pledge of Allegiance	Chair		
3. Absences	Chair	Approval	9:05
4. Meeting Minutes Approval September 15, 2021	Chair	Approval	9:10
5. Commissioner/Citizen Comments (on items not on the agenda) (3 minutes per citizen/ 15 minutes total)			9:15
6. Staff Reports			
A. Administration	Kevin Mastin	Info	9:30
B. Highway Division Update	Troy Wiitala	Info	9:50
C. Engineering Division Update	Jennifer Irvine	Info	10:10
D. PPRTA Budget	Jennifer Irvine	Info	10:30
7. Agenda Topics for the Next Meeting	Chair		10:50
8. Adjournment	Chair		11:00

Next Highway Advisory Commission Meeting – Wednesday, December 15, 2021
Pikes Peak Regional Building
2880 International Circle – Hearing Room



Highway Division Highway Advisory Commission

October 20, 2021

Troy Wiitala
Highway Manager

Highway Updates

Graveling Program

- ✓ Completed Sanborn Road
- ✓ Added to gravel list; Sandstone Dr, Limestone Rd, Red Rocks Dr, Pixie Park Rd (1 mile total)
- ✓ Completed 28 Lane miles

Dust Abatement/Reclamation Program

- ✓ Completed 95 Lane miles
- ✓ Added 4" gravel to Milne Rd



Highway Updates

Snow Updates 2021-2022

- ✓ Completed snow removal training
- ✓ Restocked salt/sand at all yards

Customer Service Requests

- ✓ Potholes/crack sealing
- ✓ Drainage
- ✓ Grading
- ✓ Emergency sign repairs

Paint Striping

- ✓ Got approval for contract striping
- ✓ New striper being built
- ✓ Completed 86 Lane miles



Highway Updates

Mowing

- ✓ Medians complete; working service requests
- ✓ 80% ROW; mainly working eastern EPC

Total FTEs

- ✓ 123/153
- ✓ Hiring fulltime and seasonal



Snow Removal Prep





Questions?



El Paso County Highway Advisory Commission

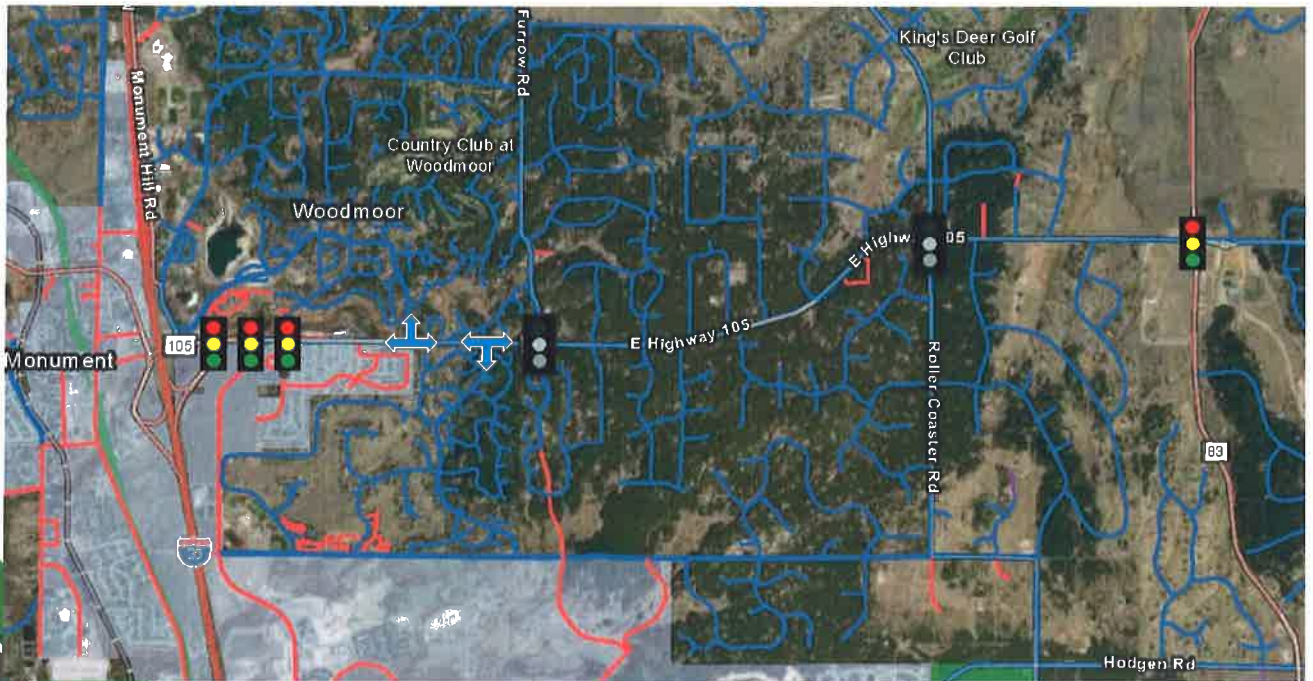
Jennifer E. Irvine, County Engineer

Wednesday, 20 October 2021

Highway 105 Corridor

Congestion & Safety Project: I-25 to SH83

- improvements to address exiting deficiencies and future needs
 - capacity & mobility
 - safety & geometric deficiencies
 - access & drainage
- multimodal & coordinate with existing Park & Ride



Highway 105 A and B



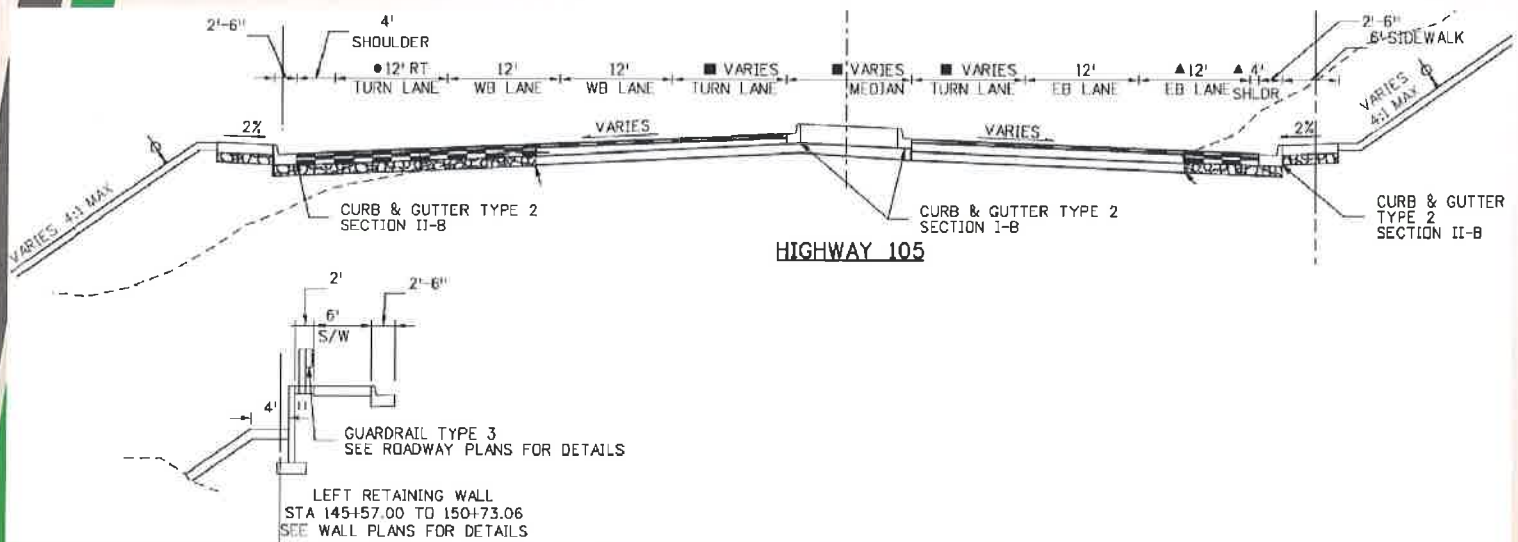
Highway 105 A

Project A (I-25 to Lake Woodmoor Dr)

- Scope: widen to 4 lanes (urban section), improve intersections, multimodal improvements, drainage improvements
- Funding: PPRTA & Federal
- Estimated Project A Cost: \$21M
- Status:
 - Final design and property acquisition for Hwy 105
 - Preliminary design for impacts at Monument Academy
- Schedule:
 - Design & property acquisition complete – Summer 2022
 - Construction – Fall 2022 to Spring 2024



Highway 105 A



Add department/office name here



Highway 105 B

Project B (Lake Woodmoor Dr to Martingale Dr)

- Scope: widen to add shoulders and two way left turn lane (rural section), improve intersections, and improve drainage
- Funding: PPRTA
- Estimated Project B Cost: \$25M
- Status:
 - Final design
- Schedule:
 - Design and property acquisition complete – Summer 2023
 - Construction – Fall 2023 to Fall 2024

Projects C-E (Martingale Dr to SH83)

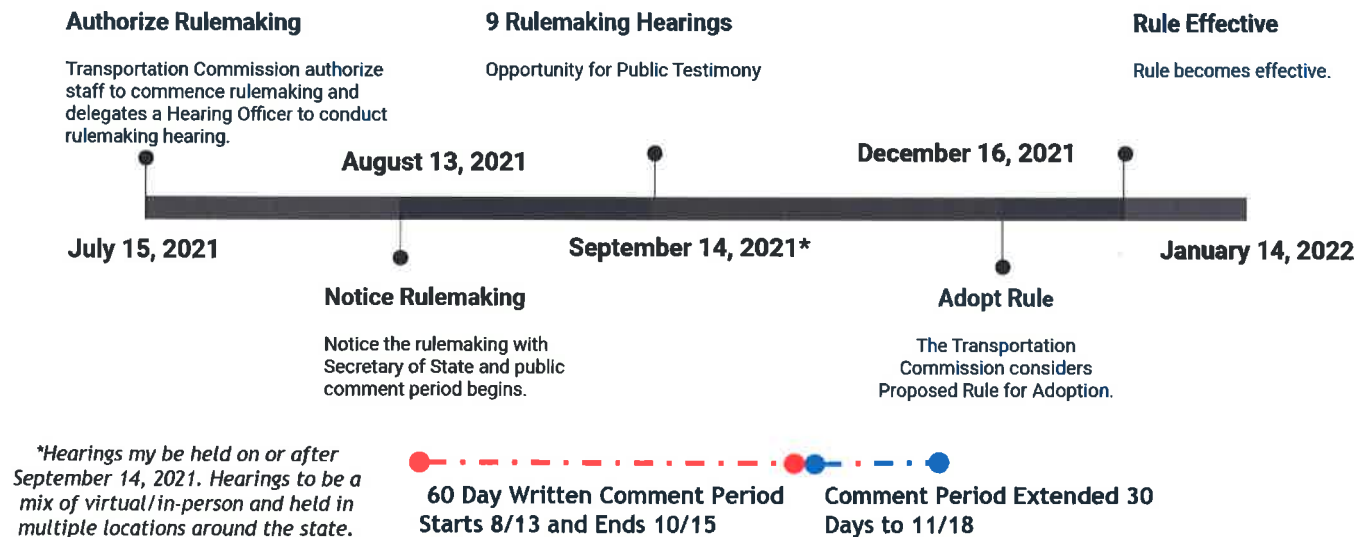
- Scope: widen to add shoulders and two way left turn lane (rural section), improve intersections, and improve drainage
- Status: Preliminary design
- Funding: EPC actively pursuing funding options



PROPOSED CDOT Greenhouse Gas Pollution Standard For Transportation Planning

Updated Rulemaking Timeline*

*subject to change and refinement due to TC action and rulemaking development





Questions?

Department of Public Works

Engineering Division

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To: Pikes Peak Rural Transportation Authority Board of Directors
Pikes Peak Rural Transportation Authority Citizen Advisory Committee

From: Jennifer E. Irvine P.E., MPA, County Engineer

Date: 13 October 2021

Re: El Paso County 2022 PPRTA Proposed Budget Summary

El Paso County Capital Program (2005-2014)

The proposed 2022 PPRTA capital budget for the 2005-2014 Capital Projects is \$305,315.

The *Marksheffel South* project was substantially completed in 2017 and is in closeout mode. Project closeout activities include construction of stormwater related items for permit closeout and is expected to be completed by the end of 2021. Any remaining funds will be included in a line-item transfer in early 2022.

The *Meridian Road Extension Project* is under construction and is being coordinated with the 2015-2024 PPRTA Capital Project at New Meridian/US-24 and the federally funded Falcon Park and Ride project. Construction is expected to be completed in early 2022. Any remaining funds will be included in line-item transfer to Marksheffel Road project, led by the City of Colorado Springs.

2022 Capital Program Budget (2005-2014)

Capital Projects (2005-2014)	2022 Budget Allocation	Line-Item Transfer	2021 Carryover forecast	2022 budget forecast with carryover
Marksheffel – (Mesa Ridge to SH 94)	\$0	\$0	\$184,744	\$184,744
Meridian Rd- (Falcon to SH 24)	\$0	\$0	\$120,571	\$120,571
Total Capital	\$0	\$0	\$305,315	\$305,315

El Paso County Capital Program (2015-2024)

The 2022 budget for the 2015-2024 Capital program from El Paso County is \$21,400,556 which includes the El Paso County allocation of \$21,185,509 and \$15,047 to be allocated to EPC from Town of Ramah, \$0 to be allocated from the City of Colorado Springs, and \$200,000 to be allocated from the City of Manitou Springs for prior advancement of funds. Together with the 2021 carryover forecast of \$48,216,362, the total 2022 budget is anticipated to be \$69,416,918. The 2021 revenue carryover does not reflect current encumbered funds.

2022 is the eighth year of revenues for the PPRTA Capital Extension projects that were approved by the voters to start in 2015. El Paso County has made progress on several projects that are identified in the 2015-2024 PPRTA Capital Ballot reauthorization. The eighth year of revenues will be used to continue projects that are already underway in the construction phase, to progress design projects into the construction phase, and to further design efforts on all remaining projects. Two El Paso County projects are anticipated to be advertised for construction in late 2021 and three projects are anticipated to progress to construction in 2022 which may require some adjustment of the anticipated 2022 revenues for budget increases/line-item transfers. El Paso County typically only requests budget increases once actual construction costs are known to minimize multiple budget adjustments. *Black Forest Road* and *Tutt Boulevard* are projects that are joint effort with and led by the City of Colorado Springs.

El Paso County has advanced significant funds for the West Colorado Avenue Project on behalf of the City of Colorado Springs (\$7,771,230) and the City of Manitou Springs (\$858,998). El Paso County and The City of Colorado Springs are planning on a complete offset of costs between the Black Forest Road and the West Colorado Avenue. It is El Paso County's understanding that the City of Manitou Springs will allocate \$200,000 in 2022 to El Paso County for "payback" of Colorado Avenue fund advancement.

Additionally, the City of Manitou Springs advanced their projects in 2015-2016 with additional funding from El Paso County in the amount \$622,279 and it is anticipated that they will budget the remaining amounts owed in 2021-2024 to El Paso County to "payback" the remaining balance of the advancement

2022 Capital Program Budget Summary (2015-2024)

Capital Projects (2015-2024)	2022 Budget Allocation	2021 Carryover forecast	2022 budget forecast with carryover	2012 Original Budget Allocation Estimate	Total Budget Allocation to date (with 2022 allocation)
Beacon Lite Road	\$0	\$10,703,323	\$10,703,323	\$4,361,000	\$11,361,000
Black Forest Road	\$0	\$0	\$0	\$3,534,000	\$0
Deer Creek, Base Camp, Microscope Way (fka Emigrant Trail)	\$1,000,000	\$991,200	\$1,991,200	\$200,000	\$2,000,000
Eastonville Road	\$3,285,032	\$5,143,168	\$8,428,200	\$8,525,000	\$8,525,000
Fontaine Blvd/Security Blvd/Widefield Blvd	\$0	\$1,250,000	\$1,250,000	\$1,250,000	\$1,250,000
Highway 105	\$0	\$16,900,000	\$16,900,000	\$18,314,000	\$19,499,632
Main Street. at Security Boulevard	\$0	\$750,000	\$750,000	\$750,000	\$750,000
Meridian/McLaughlin Roundabout	\$0	\$924,570	\$924,570	\$2,376,000	\$5,226,000
Mesa Ridge Parkway	\$0	\$9,614,997	\$9,614,997	\$9,975,000	\$10,014,997
Monument Hill Road	\$0	\$477,974	\$477,974	\$3,965,000	\$5,183,852

New Meridian/US24	\$0	\$0	\$0	\$4,608,000	\$4,608,000
Academy Boulevard	\$17,115,524	\$3,830,700	\$20,946,224	\$18,000,000	\$42,762,181
Stapleton Drive/Briargate Blvd Corridor Study	\$0	\$0	\$0	\$314,000	\$314,000
Tutt Boulevard Extension (joint project with City of Colorado Springs – being managed by City)	\$0	\$555,000	\$555,000	\$555,000	\$555,000
West Colorado Avenue (EPC managed joint project with City of Colorado Springs and Manitou Springs - PPRTA funding split: EPC -28.15%, COS-70.62%, MS – 1.23%)	\$0	\$15,000	\$15,000	\$3,428,000	\$10,392,214
Total Capital	\$21,400,556	\$51,155,932	\$72,556,488	\$80,155,000	\$122,441,876

El Paso County Maintenance Program

The proposed PPRTA maintenance budget allocation for 2022 is \$14,099,883, per guidance from PPRTA. Based on current projections, it is estimated there will be maintenance carryover from 2021 of approximately \$7,313,542, which is encumbered but unspent. The total PPRTA funded maintenance budget for 2022, including carryover, is expected to be \$21,413,425

As in the past, our maintenance program will include concrete repairs to curb, gutter and sidewalk for roads planned to be paved in the following year-2023; as well as, customer service requests requiring concrete repair or maintenance; pavement maintenance to protect and extend the life of paved surfaces including overlays, chip seals, crack sealing, striping, shouldering, and patching; gravel road maintenance and rehabilitation; and other maintenance needs such as condition evaluation of our pavements, signal and bridge maintenance that are identified during the maintenance program evaluation process. With recent budget amendments, El Paso County is looking at ways to use unspent carryover money in 2021.

The process for prioritizing paved roads for repair and rehabilitation will remain a cost benefit analysis per our Pavement Management Analysis (PMA), which annually evaluates the entire paved road system based on funds available.

As part of the 2021 PPRTA Budget, the maintenance program included funding for a concrete box culvert (CBC) on Marksheffel Road North between Carefree Circle North and Barnes Road that will be coordinated with PPRTA improvements to Marksheffel that will be sponsored by the city of Colorado Springs. The carryover from previous PPRTA budgets of \$1,500,000 is planned to cover this CBC.

The specific elements within each category and the allocation of the available budget by category are evaluated during the fourth quarter of the year proceeding the program year. During this process, we will also evaluate the cost effectiveness of contracting all or part of the needed services versus purchasing materials to accomplish the program while utilizing County forces and equipment to perform the work. El Paso County maintenance contracts will be brought forth for consideration in accordance with established PPRTA BOD Policies.

2020 Maintenance Budget Summary

Maintenance Program (2022)	2022 Budget Allocation	2021 Carryover forecast	2022 budget forecast with carryover
Maintenance	\$14,099,883	\$5,813,542	\$19,913,425
Marksheffel Road CBC	\$0	\$1,500,000	\$1,500,000
Total Maintenance	\$14,099,883	\$7,313,542	\$21,413,425

SERVICE REQUESTS

(August - September)

10/19/2021

Service Request Type	Open	Cancelled	Closed	Referred to Other Jurisdictions	Totals
Concrete Repair	24	3	2	9	38
Crack Sealing	14	1	3	3	21
Dead Animal Removal	1	6	63	16	86
Drainage Maintenance	24	8	19	2	53
Dumping / Trash Removal	4	3	52	6	65
Grading / Gravel Repair	10	33	86	4	133
Guard Rails	3	0	1	2	6
Median / Right of Way Maintenance	11	8	3	2	24
Mowing	9	7	12	3	31
Personal Property Damage	3	0	2	0	5
Pothole	22	17	110	30	179
Road Painting / Striping	8	1	2	2	13
Shoulder Maintenance	8	6	6	4	24
Snow and Ice Control	3	6	0	0	9
Street Lights	5	6	2	5	18
Street Signage	74	8	30	7	119
Street Sweeping	4	5	13	2	24
Traffic Signals	11	3	12	11	37
Tree Trimming / Removal	13	4	36	4	57
Washout	5	1	6	2	14
Total SR Types: 25	256	126	460	114	956

Survey Comments

(March)

4/14/2021

<u>Road Name</u>	<u>Date of Survey</u>	<u>Customers Comments</u>
<div>Satisfied</div>		
Pond Side Dr.	8/2/2021	Crew was very accommodating
Smugglers Rd.	8/9/2021	My drainage problem appears to be solved! Thanks so much for the quality work!
Sunview Ct.	8/19/2021	The job was done much better this time. The first request that I put in the workmen only filled a few potholes. This time it was a much more complete job. Thank you. The road still should be repaved like Red Rocks Ranch was. Sunburst is in much worse shape than Red Rocks Ranch.
Potentilla Gr.	8/19/2021	Wow--I use the GoCOS! app regularly, and this was my first time using the El Paso County app. I was VERY impressed with the speed, communication, responsiveness, and forward-leaning resolution to the issue I identified.
Cresta Loma	8/30/2021	Thanks for taking care of the work order that I submitted. Be safe and keep up the great work.

Survey Comments

(March)

4/14/2021

Dissatisfied

Calle Corve

8/2/2021

Requests are made, work not done and tickets are closed without follow up or explanation.
Per Highway Work requested was repaired.

Lake Mist Dr

8/19/2021

They did not address the problem whatsoever. They didn't even evaluate the problem, didn't read the actual account of the problem. Hole under sidewalk, many feet away from storm drain. Not related at all.

After review was determined that this area has not been accepted by DPW, sent PCD.

Russell Dr.

8/19/2021

I have lived here 25 years and there has not been any roadbase applied. Another neighbor has been here since 1992 and no roadbase. The last time the grader was here the washboards were still visible (filled with powder and there were many places where the road was right down to hard pack!! Vehicles go by and once they have passed you can't see them for the cloud of dust. This is at least five years now I have requested road base and like this time nobody comes out to check they just send me a blow off email. I think I will contact channel 5s news "call for action" team and see if they would be interested in doing a story on this situation. 25 years of nothing being done to maintain this road is ridiculous!!

Western Dr

9/15/2021

There were 2 potholes missed on Western Drive. The main reason I submitted the request

Customer Service Survey Report Aug - Sept 2021

Service requests Completed	779	
Surveys Returned	17	

1.) Overall satisfaction of El Paso County Department of Public Works

No Reply	0	0%
Extremely dissatisfied	6	35%
Moderately dissatisfied	5	29%
Extremely satisfied	6	35%
Grand Total	17	100%

2.) Rate the quality of work that was performed

No Reply	0	0%
Extremely dissatisfied	2	12%
Moderately dissatisfied	9	53%
Extremely satisfied	6	35%
Grand Total	17	100%

3.) Was customer service representative helpful

No Reply	2	12%
Extremely helpful	4	24%
Not at all helpful	11	65%
Grand Total	17	100%